

US EPA ARCHIVE DOCUMENT

2000 Water Quality Report Table C-1 Total Estuarine and Ocean Shoreline Waters in the Nation

Jurisdiction	Estuaries			Ocean Shoreline Waters		
	Total Sq. Miles	Assessed Sq. Miles	Percent Assessed	Total Miles	Assessed Miles	Percent Assessed
Alabama	610	541	88.6%	337		0.0%
Alaska	33,204	28	0.1%	36,000	25	0.1%
American Samoa	184	0	0.0%	116	53	45.7%
California	2,139	2,033	95.0%	1,609	997	62.0%
Connecticut	612	611	99.8%	380		0.0%
Delaware	449	30	6.6%	25	25	100.0%
Delaware River	866	866	100.0%			
District of Columbia	6	6	97.2%			
Florida	4,437	4,038	91.0%	8,460	0	0.0%
Georgia	854	854	100.0%	100		0.0%
Guam	1	0	0.0%	117	17	14.8%
Hawaii	55	54	99.3%	1,052	871	82.8%
Louisiana	7,656	4,036	52.7%	397	0	0.0%
Maine	2,852	2,783	97.6%	5,296		0.0%
Maryland	2,522	2,478	98.3%	32	32	100.0%
Massachusetts	223	128	57.2%	1,519		0.0%
Mississippi	760	613	80.6%	245	94	38.4%
N Mariana Islands	15,989	1	0.0%	52	0	0.0%
New Hampshire	21	21	100.0%	18	18	100.0%
New Jersey	725	614	84.7%	127	127	100.0%
New York	1,530	401	26.2%	120	3	2.5%
North Carolina	3,121	3,121	100.0%	320		0.0%
Oregon	206	54	26.1%	362		0.0%
Puerto Rico				550	550	100.0%
Rhode Island	151	151	100.0%	79	79	100.0%
South Carolina	401	221	55.1%	190		0.0%
Texas	2,394	1,993	83.3%	624		0.0%
Virgin Islands	3		0.0%	209	209	100.0%
Virginia	2,494	2,494	100.0%	120	120	100.0%
Washington	2,904	2,904	100.0%	163	0	0.0%
Total	87,369	31,072	35.6%	58,618	3,221	5.5%

Table C-1 Total Estuarine and Ocean Shoreline Waters in the Nation

Jurisdiction	Comment
Alabama	Page 4. Assessed estuary square miles page 104.
Alaska	612 square miles of estuaries and 380 miles of coastline were obtained from the state's water resources atlas
American Samoa	Includes area inside fringing coral reef
California	p. 13.
Connecticut	
Delaware	State revised atlas value because it had previously included Delaware Bay miles in New Jersey.
Delaware River	Data from ADB. Separate values reported for estuaries and bays (in acres, converted to square miles) were summed. Value for shore miles from 198
District of Columbia	
Florida	
Georgia	Includes 25 square miles of freshwater estuary.
Guam	Cannot be determined because it includes near coastal ocean waters
Hawaii	
Louisiana	State reports assessment based on 269 square miles of estuaries and all 446 square miles of ocean waters in NJ jurisdiction (page II-7).
Maine	State reports more accurate estimate of total estuarine square miles based on computer-generated 1:24,000 scale mapping.
Maryland	
Massachusetts	State includes coastal shoreline waters in assessment of estuarine waters.
Mississippi	Entered 1998 values for total estuarine square miles and shore miles; for assessed miles, entered values for aquatic life use from ADB.
N Mariana Islands	includes bays, estuarine areas, and lagoons
New Hampshire	State reports 32 miles of shoreline include in 96 square miles of ocean waters.
New Jersey	
New York	More accurate estimate of total estuarine area based on GIS coverage of NWI maps.
North Carolina	Assessed estuarine sq. mi. from percent method (page 3.3-4) for estuaries and page 3.3-2 for shore miles.
Oregon	Remove this record from database.
Puerto Rico	Puerto Rico assessed estuarine use support in linear miles rather than square miles.
Rhode Island	Entered total waters from 1998 report because State did not include an estimate.
South Carolina	Entered data from ADB
Texas	Texas assessed coastal waters in square miles (3879) rather than coastal miles. Total shore miles from 1998 report because State did not include th
Virgin Islands	1998 report was incorrect, VI has very little area of estuaries
Virginia	
Washington	Entered total estuarine sq. mi. from 1998 report in lieu of atlas value.(3 sq. mi.) on page 9. Total shore miles from page 75 in lieu of atlas value on pa
Total	

Table C-2 Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Estuaries

Jurisdiction	Full Support - Evaluated	Full Support - Monitored	Full Support - Not Specified	Full Support - Total	Threatened - Evaluated	Threatened - Monitored	Not Specified	Threatened - Total	Impaired - Evaluated	Impaired - Monitored
Alabama				0				0		541
Alaska	2	1		3	0	0		0	0	25
American Samoa				0				0		
California	18	16		35	1	0		1	22	1,975
Connecticut			139	139				14		
Delaware				0				0		
Delaware River	0	0		0	0	0		0	0	866
District of Columbia	0	0		0	0	0		0	0	6
Florida	2,390	665	0	3,055	42	79	0	121	270	591
Georgia	499	10		509				0	177	172
Guam		0		0				0		11
Hawaii	0	23		23	0	0		0	1	30
Louisiana	0	318		318	7	0		7	816	2,895
Maine	2,173	300		2,473				0	0	310
Maryland	0	918		918				0	0	1,560
Massachusetts	46	0		46	0	0		0	81	0
Mississippi			0	0			62	62		
N. Mariana Islands				0				0	0	0
New Hampshire	0	0		0				0	7	14
New Jersey	0	0	456	456	0	0	0	0	0	0
New York				0	11			11	391	
North Carolina			3,006	3,006				0		
Oregon	0	8		8		11		11	0	35
Puerto Rico				0				0		
Rhode Island	1	103		103	0	0		0	1	47
South Carolina			136	136				0		
Texas	0	1,236		1,236	0	0		0	0	758
Virgin Islands				0				0		
Virginia		773		773		796		796		422
Washington	611			611				0	2,293	
TOTAL	5,741	4,371	3,738	13,850	60	886	76	1,023	4,060	10,256
Percent of assessed for summary of use support	18.8%	14.3%	12.2%	45.3%	0.2%	2.9%	0.2%	3.3%	13.3%	33.6%

Table C-2 Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Estuaries

Jurisdiction	Impaired - Not Specified	Impaired - Total	Not Attainable - Evaluated	Not Attainable - Monitored	Not Attainable - Not Specified	Not Attainable - Total	Total Evaluated	Total Monitored
Alabama		541				0	0	541
Alaska		25				0	2	26
American Samoa		0				0	0	0
California		1,997				0	41	1,992
Connecticut	458	458				0	0	0
Delaware		0				0	0	0
Delaware River		866				0	0	866
District of Columbia		6				0	0	6
Florida	0	861				0	2,702	1,335
Georgia		349				0	676	182
Guam		11				0	0	11
Hawaii		31				0	1	53
Louisiana		3,711				0	823	3,213
Maine		310				0	2,173	610
Maryland		1,560				0	0	2,478
Massachusetts		82				0	128	0
Mississippi	551	551				0	0	0
N. Mariana Islands		1				0	0	0
New Hampshire		21				0	7	14
New Jersey	158	158				0	0	0
New York		391				0	402	0
North Carolina	109	109				0	0	0
Oregon		35				0	0	54
Puerto Rico		0				0	0	0
Rhode Island		47				0	2	149
South Carolina	85	85				0	0	0
Texas		758				0	0	1,993
Virgin Islands		0				0	0	0
Virginia		422				0	0	1,991
Washington		2,293				0	2,904	0
TOTAL	1,360	15,676	0	0	0	0	9,861	15,513
Percent of assessed for summary of use support	4.5%	51.3%	0.0%	0.0%	0.0%	0.0%	32.3%	50.8%

Table C-2 Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Estuaries

Jurisdiction	Total Unspecified	Total Assessed
Alabama	0	541
Alaska	0	28
American Samoa	0	0
California	0	2,033
Connecticut	611	611
Delaware	0	0
Delaware River	0	866
District of Columbia	0	6
Florida	0	4,037
Georgia	0	858
Guam	0	11
Hawaii	0	54
Louisiana	0	4,036
Maine	0	2,783
Maryland	0	2,478
Massachusetts	0	128
Mississippi	613	613
N. Mariana Islands	0	1
New Hampshire	0	21
New Jersey	614	614
New York	0	402
North Carolina	3,115	3,115
Oregon	0	54
Puerto Rico	0	0
Rhode Island	0	151
South Carolina	221	221
Texas	0	1,993
Virgin Islands	0	0
Virginia	0	1,991
Washington	0	2,904
TOTAL	5,174	30,548
Percent of assessed for summary of use support	16.9%	

Table C-2 Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Estuaries

Jurisdiction	Comment
Alabama	Data from ADB. Separate values for estuaries and bays (acres, converted to square miles) reported by State were summed
Alaska	
American Samoa	
California	State reported overall use support.
Connecticut	
Delaware	
Delaware River	No data. State reports 0.59 evaluated square miles of estuaries and 28.95 monitored. 25 miles of shore line were monitored.
District of Columbia	
Florida	
Georgia	Entered data from ADB
Guam	
Hawaii	
Louisiana	Excludes effect of statewide advisory for dioxin in lobster tomalley.
Maine	
Maryland	
Massachusetts	Includes shoreline waters. Excludes separate shellfishing assessment for 2728 square miles of estuaries.
Mississippi	
N. Mariana Islands	
New Hampshire	Entered Statewide projections from ADB for aquatic life support.
New Jersey	
New York	
North Carolina	Entered shellfishing use support use based on assessment of 614 square miles.
Oregon	
Puerto Rico	
Rhode Island	Report states that all assessments should be considered as evaluated values (page 54). Value for fully supporting square miles includes unassess p. 13. Converted data from acres.
South Carolina	
Texas	
Virgin Islands	Page 104. Blanks listed as no data available
Virginia	
Washington	
	Puerto Rico reported linear miles of estuarine use support rather than square miles. Of the 175.4 miles assessed, 10.9 miles support all uses, 17.7
	Entered data from ADB.
	Included in coastal shoreline assessment.
	Entered data from March 2001 revisions (section 1.1-3)
	Values from the sample survey approach used for the assessment are considered to be evaluated data.
TOTAL	May be less than total assessed, because not all states report on summary of use support for all waters
Percent of assessed for summary of use support	

Table C-3a Aquatic Life Use Support in Assessed Estuaries

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed
Alabama						0
Alaska						0
California	34.9	0.9	1,738.6	249.9		2,024.3
Connecticut	366.4	0.0	235.0	9.5	0.0	610.9
Delaware	0.0	0.0	25.0	4.0	0.0	29.0
Delaware River	198.0	152.0	0.0	35.0	0.0	385.0
District of Columbia	5.3	0.0	0.6	0.0		5.9
Florida	1,652.0	10.0	538.0	68.0		2,268.0
Georgia						0.0
Guam	0.3			10.5		10.8
Hawaii	39.0	0.0	0.0	0.0	0.0	39.0
Louisiana	334.0	0.0	2,409.5	1,217.0	0.0	3,960.5
Maine	2,851.1	0.0	0.5	0.0	0.0	2,851.6
Maryland	921.3		1,469.3	87.6		2,478.2
Massachusetts	13.8	0.3	1.2	11.6		27.0
Mississippi	0.0	62.2	550.5	0.0	0.0	612.7
New Hampshire	21.1		0.2	0.0	0.0	21.2
New Jersey	203.0	0.0	61.0	0.0		264.0
New York		0.0	14.2	0.4		14.6
North Carolina						0.0
Oregon						0.0
Puerto Rico						0.0
Rhode Island	108.9	0.0	5.5	34.9		149.3
South Carolina	144.9		22.7	53.5		221.1
Texas	1,021.0	0.0	194.9	16.1	0.0	1,232.0
Virgin Islands						0.0
Virginia	792.1	806.7	257.4	82.3		1,938.4
Washington	917.0		662.3	1,324.6		2,903.9
Total	9,624	1,032	8,186	3,205	0	22,047
Percent of assessed for use	43.7%	4.7%	37.1%	14.5%	0.0%	

Table C-3a Aquatic Life Use Support in Assessed Estuaries

Jurisdiction	Comment
Alabama	No data.
Alaska	No data.
California	
Connecticut	page 28
Delaware	
Delaware River	
District of Columbia	
Florida	
Georgia	No data
Guam	
Hawaii	
Louisiana	Entered data from ADB for fish and wildlife propagation use support.
Maine	Includes propagation of fish and shellfish.
Maryland	Used numbers from electronic submission because did not receive clarification from state.
Massachusetts	Includes shoreline waters.
Mississippi	Entered Statewide projections from ADB.
New Hampshire	
New Jersey	Assessment based on 264 square miles. State reports portions of waters may be duplicated by DRBC and ISC 305(b) reports.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Page 105. Blank categories listed as not applicable or no data available.
Puerto Rico	Puerto Rico reported linear miles of estuarine use support rather than square miles.
Rhode Island	
South Carolina	
Texas	Entered data from ADB.
Virgin Islands	Included in coastal shoreline assessment.
Virginia	Entered only monitored data from NAD
Washington	
Total	
Percent of assessed for use	

Table C-3b Fish Consumption Use Support in Assessed Estuaries

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed
Alabama						0
Alaska						0
California	35	19	1,729	245		2,027
Connecticut	503	0	9	0	0	512
Delaware						0
Delaware River	0	0	803	63	0	866
District of Columbia	0	0	0	6		6
Florida	88	0	261	18		367
Georgia						0
Hawaii	33	0	0	6	0	39
Louisiana						0
Maine	0	0	2,852	0	0	2,852
Maryland	2,452		71	0		2,522
Massachusetts	0	0	0	10		10
Mississippi	2	603	0	0	0	605
New Hampshire	0		21	0	0	21
New Jersey						0
New York		0	110	6		116
North Carolina						0
Oregon						0
Puerto Rico						0
Rhode Island						0
South Carolina						0
Texas	961	0	0	48	0	1,008
Virgin Islands						0
Virginia	1,958	31	0	0		1,989
Washington						0
Total	6,032	653	5,855	400	0	12,940
Percent of assessed for use	46.6%	5.0%	45.3%	3.1%	0.0%	

Table C-3b Fish Consumption Use Support in Assessed Estuaries

Jurisdiction	Comment
Alabama	No data.
Alaska	No data.
California	
Connecticut	The above fish consumption data is for mercury. All estuaries (610.9 square miles) are listed as partially supporting the use due to PCB contamin
Delaware	No data.
Delaware River	
District of Columbia	
Florida	
Georgia	No data
Hawaii	
Louisiana	No data.
Maine	Based on statewide fish/shellfish consumption advisory.
Maryland	Used numbers from electronic submission because did not receive clarification from state.
Massachusetts	Includes shoreline waters.
Mississippi	Entered Statewide projections from ADB.
New Hampshire	
New Jersey	No data. Estuary advisories reported by DRBC and ISC.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Page 105. Blank categories listed as no data available.
Puerto Rico	No data.
Rhode Island	No data.
South Carolina	No data.
Texas	Entered data from ADB.
Virgin Islands	Included in coastal shoreline assessment.
Virginia	Entered only monitored data from NAD
Washington	No data.
Total	
Percent of assessed for use	

Table C-3c Shellfishing Use Support in Assessed Estuaries

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed
Alabama						0
Alaska						0
California	43	19	466	231		758
Connecticut	273	0	14	324	0	611
Delaware	1	0	14	0	0	15
Delaware River	579	0	38	62	0	679
District of Columbia						0
Florida	1,398	111	256	0		1,765
Georgia						0
Hawaii	33	0	0	6	0	39
Louisiana	1,078	0	0	75	0	1,153
Maine	2,542	0	49	261	0	2,852
Maryland	1,672		58	108		1,839
Massachusetts	2,254		48	224		2,526
Mississippi	550	2	26	0	0	579
New Hampshire	0		8	13	0	21
New Jersey	456	0	115	43		614
New York		0	6	157		163
North Carolina						0
Oregon	4	0	68	0	0	72
Puerto Rico	0	0	0	0	0	0
Rhode Island	96	0	22	10		128
South Carolina	613		159	119		891
Texas	1,037	0	160	427	0	1,625
Virgin Islands						0
Virginia	1,642	2	68	24		1,735
Washington	1,274		764	866		2,904
total	15,545	134	2,339	2,949	0	20,967
Percent of assessed for use	75.7%	0.6%	10.5%	13.2%	0.0%	
	74.1%	0.6%	11.2%	14.1%	0.0%	

Table C-3c Shellfishing Use Support in Assessed Estuaries

Jurisdiction	Comment
Alabama	No data.
Alaska	No data.
California	
Connecticut	Page 28
Delaware	
Delaware River	
District of Columbia	No data.
Florida	
Georgia	No data
Hawaii	
Louisiana	Entered data from ADB
Maine	Excludes effect of statewide advisory for dioxin in lobster tomalley from estuarine waters.
Maryland	Used numbers from electronic submission because did not receive clarification from state.
Massachusetts	Data from separate shellfishing assessment in Table 5.4 (acres converted to square miles).
Mississippi	Entered Statewide projections from ADB.
New Hampshire	
New Jersey	Assessment based on 614 square miles.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Page 105.
Puerto Rico	
Rhode Island	
South Carolina	
Texas	Entered data from ADB.
Virgin Islands	Included in coastal shoreline assessment.
Virginia	Entered only monitored data from NAD
Washington	
total	
Percent of assessed for use	

Table C-3d Swimming Use Support in Assessed Estuaries

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed
Alabama						0
Alaska						0
California	275	2	1,732	8		2,017
Connecticut	584	6	13	7	0	611
Delaware	12	0	16	2	0	30
Delaware River	485	6	0	0	0	491
District of Columbia	0	0	0	6		6
Florida	1,652	10	538	68		2,268
Georgia						0
Guam	3		0	1		5
Hawaii	29	0	4	7	0	39
Louisiana	1,093	385	568	62	0	2,108
Maine	2,844	0	6	0	0	2,850
Maryland	2,522		0	0		2,522
Massachusetts	53	0	0	24		77
Mississippi	0	588	15	0	0	603
New Hampshire	21		0	0	0	21
New Jersey	264		5	0		269
New York		0	95	3		97
North Carolina						0
Oregon	25	0		0	0	25
Puerto Rico						0
Rhode Island	140	0	5	5		150
South Carolina	204		10	7		221
Texas	1,971	0	0	5	0	1,976
Virgin Islands						0
Virginia	1,844	0	21	13		1,879
Washington	2,904		0	0		2,904
Total	16,925	998	3,028	217	0	21,169
Percent of assessed for use	80.0%	4.7%	14.3%	1.0%	0.0%	

Table C-3d Swimming Use Support in Assessed Estuaries

Jurisdiction	Comment
Alabama	No data.
Alaska	No data.
California	
Connecticut	Page 28.
Delaware	
Delaware River	
District of Columbia	
Florida	
Georgia	No data
Guam	
Hawaii	
Louisiana	Entered data from ADB
Maine	Includes secondary contact use.
Maryland	State should review value for full support miles (2522) which are higher than the value for assessed square miles (2478.3). Use
Massachusetts	Includes shoreline waters.
Mississippi	Entered Statewide projections from ADB.
New Hampshire	
New Jersey	Assessment based on 269.15 square miles.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Page 105. Blank categories listed as not applicable.
Puerto Rico	Puerto Rico reported linear miles of estuarine use support rather than square miles.
Rhode Island	
South Carolina	
Texas	Entered data from ADB.
Virgin Islands	Included in coastal shoreline assessment.
Virginia	Entered only monitored data from NAD
Washington	
Total	
Percent of assessed for use	

Table C-3d Swimming Use Support in Assessed Estuaries

Jurisdiction	
Alabama	
Alaska	
California	
Connecticut	
Delaware	
Delaware River	
District of Columbia	
Florida	
Georgia	
Guam	
Hawaii	
Louisiana	
Maine	
Maryland	ed numbers from electronic submission because did not receive clarification from state.
Massachusetts	
Mississippi	
New Hampshire	
New Jersey	
New York	
North Carolina	
Oregon	
Puerto Rico	
Rhode Island	
South Carolina	
Texas	
Virgin Islands	
Virginia	
Washington	
Total	
Percent of assessed for use	

Table C-3e Secondary Contact Use Support in Assessed Estuaries

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed
Alabama						0
Alaska						0
California	517	0	1,494	7		2,017
Connecticut						0
Delaware	29	0	0	0	0	29
Delaware River	15	0	0	0	0	15
District of Columbia	3	0	1	1		6
Florida	1,652	10	538	68		2,268
Georgia						0
Hawaii	39	0	0	0	0	39
Louisiana	1,652	385	71	0	0	2,108
Maine						0
Maryland						0
Massachusetts	69	0	0	8		77
Mississippi	0	1	10	0	0	11
New Hampshire	21		0	0	0	21
New Jersey						0
New York		0	0	0		0
North Carolina						0
Oregon	25	0		0	0	25
Puerto Rico						0
Rhode Island						0
South Carolina						0
Texas	3	0	0	0	0	3
Virgin Islands						0
Virginia						0
Washington	2,904		0	0		2,904
Total	6,929	396	2,114	84	0	9,524
Percent of assessed for use	72.8%	4.2%	22.2%	0.9%	0.0%	

Table C-3e Secondary Contact Use Support in Assessed Estuaries

Jurisdiction	Comment
Alabama	No data.
Alaska	No data.
California	
Connecticut	No data.
Delaware	
Delaware River	
District of Columbia	
Florida	
Georgia	No data
Hawaii	
Louisiana	Entered data from ADB
Maine	Included in swimming use.
Maryland	Included in swimming use (page 7).
Massachusetts	Includes shoreline waters
Mississippi	Entered Statewide projections from ADB.
New Hampshire	
New Jersey	No data.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Page 105. Blank categories listed as not applicable.
Puerto Rico	Puerto Rico reported linear miles of estuarine use support rather than square miles.
Rhode Island	Included in swimming use (page III.C-6).
South Carolina	Included in swimming use.
Texas	Entered data from ADB.
Virgin Islands	Included in coastal shoreline assessment.
Virginia	Included in swimming support use.
Washington	
Total	
Percent of assessed for use	

Table C-4 Leading Pollutants and Stressors Impairing Assessed Estuaries

Jursisdiction	METALS	MERCURY	ORGANIC ENRICHMENT/LOW DO	PESTICIDES	PATHOGENS	PRIORITY ORGANICS	PCB'S
Alaska	0		0				
California	2694	2262	1207	5096	107	2296	1170
Connecticut	9	0	231	0	605	13	389
District of Columbia	1		1	1	6	1	
Delaware			28		25		
Delaware River Basin	835	825		855	714	854	866
Florida	142	83					
Hawaii	10			6	12	6	6
Louisiana	3555	3464	157		1083	72	72
Massachusetts	3		11		79	9	
Maryland	32		1326	27	146	88	68
Mississippi	570		573		36	11	
North Carolina			14		44		
Rhode Island	8		40		42		
South Carolina	27		72		17		
Texas	59	14	390		564		
Virginia	10	1	141		175	13	30
Alabama	0		0		1		
American Samoa							
Georgia	2		77		337	2	
Guam	0		1		1		
Maine			1		310		
N Mariana Islands					1		
New Hampshire	0		0	0	14	0	21
New Jersey							
New York	120		160	0	350	287	
Oregon					26		
Puerto Rico							
Virgin Islands							
Washington			894		69		
Total	8,077	6,649	5,324	5,985	4,764	3,652	2,622
Percent of Impaired	51.5%	42.4%	34.0%	38.2%	30.4%	23.3%	16.7%
Percent of Assessed	26.0%	21.4%	17.1%	19.3%	15.3%	11.8%	8.4%

Table C-4 Leading Pollutants and Stressors Impairing Assessed Estuaries

Jursisdiction	SALINITY/TDS/CHLORIDES	UNKNOWN TOXICITY	DDT	NUTRIENTS	COPPER	DIOXINS	DIAZINON	NITROGEN	PHOSPHORUS	PH
Alaska	20			5		0			5	
California	2473	1747	1958	57	880	910	1712	0		
Connecticut		12		239		0				
District of Columbia										5
Delaware				28						
Delaware River Basin		46				841				
Florida				838	90			838	795	
Hawaii				23						
Louisiana				405	846			405	405	
Massachusetts				5						
Maryland				33	4					7
Mississippi		550		37						586
North Carolina										
Rhode Island		0		24						
South Carolina										4
Texas					16	34				
Virginia				131	0				0	5
Alabama										
American Samoa										
Georgia										
Guam	1			1						1
Maine										
N Mariana Islands		1								
New Hampshire	0	0		0		0				0
New Jersey										
New York	0	4		103						0
Oregon										
Puerto Rico										
Virgin Islands										
Washington										527
Total	2,494	2,360	1,958	1,929	1,836	1,785	1,712	1,243	1,205	1,135
Percent of Impaired	15.9%	15.1%	12.5%	12.3%	11.7%	11.4%	10.9%	7.9%	7.7%	7.2%
Percent of Assessed	8.0%	7.6%	6.3%	6.2%	5.9%	5.7%	5.5%	4.0%	3.9%	3.7%

Table C-4 Leading Pollutants and Stressors Impairing Assessed Estuaries

Jursisdiction	TOTAL TOXICS	THERMAL MODIFICATIONS	SELENIUM
Alaska	0	20	620
California	0	10	
Connecticut			
District of Columbia	6		
Delaware			
Delaware River Basin	838		
Florida			
Hawaii		0	
Louisiana			
Massachusetts	10	1	
Maryland			
Mississippi	0	2	
North Carolina			
Rhode Island	1		
South Carolina			
Texas			
Virginia			
Alabama			
American Samoa			
Georgia			
Guam			
Maine			
N Mariana Islands			
New Hampshire	0	0	
New Jersey			
New York		4	
Oregon			
Puerto Rico			
Virgin Islands			
Washington		802	
Total	855	839	620
Percent of Impaired	5.5%	5.4%	4.0%
Percent of Assessed	2.8%	2.7%	2.0%

Table C-5 Leading Sources Impairing Assessed Estuaries

Jurisdiction	SOURCE UNKNOWN	MUNICIPAL POINT SOURCES	URBAN RUNOFF/STORM SEWERS	NATURAL SOURCES
Alabama		0.04	0.81	
Alaska			0.02	
American Samoa				
California	1,701.31	1,924.90	1,793.66	652.22
Connecticut	385.21	436.88	474.16	296.68
Delaware	3.00	25.00		3.00
Delaware River Basin		782.00	753.00	
District of Columbia	1.68	4.43	5.93	3.75
Florida	342.20	311.90	402.80	
Georgia		131.00	77.00	
Guam		3.69	2.17	
Hawaii	4.16	1.20	28.32	19.45
Louisiana	3,555.00	725.00	155.00	419.00
Maine		261.00	48.50	
Maryland	48.59	163.62	52.91	1,294.86
Massachusetts	60.65	12.35	40.05	
Mississippi	565.30	36.50	587.00	586.50
N Mariana Islands			0.62	
New Hampshire	35.42			
New Jersey				
New York	31.20	258.30	266.00	
North Carolina		78.00	89.79	51.09
Oregon		56.20	31.00	
Puerto Rico				
Rhode Island	1.18	34.54	44.46	0.91
South Carolina	60.75	0.54	6.25	
Texas	521.40	97.50	79.90	167.90
Virgin Islands				
Virginia	183.64	113.27	14.44	119.60
Washington	91.70	320.96	91.70	825.34
Total	7,592.40	5,778.82	5,045.49	4,440.30
Percent of Impaired	48.4%	36.9%	32.2%	28.3%
Percent of Assessed	24.4%	18.6%	16.2%	14.3%

Table C-5 Leading Sources Impairing Assessed Estuaries

Jurisdiction	INDUSTRIAL POINT SOURCES	ATMOSPHERIC DEPOSITION	AGRICULTURE	OTHER	HYDROMODIFICATION	RESOURCE EXTRACTION
Alabama	0.04					
Alaska	0.02657					0.00
American Samoa						
California	1960.9	650.02	1,745.88	255.11	1,798.71	1,728.01
Connecticut	76.29	219.93	6.22			
Delaware			12.00			
Delaware River Basin	782					
District of Columbia					0.80	0.80
Florida	315.2		472.60		368.20	184.00
Georgia	109.00					
Guam						
Hawaii	0.3	0.02	16.51	0.02		
Louisiana	162.5	2,808.00	91.00	117.00		
Maine						
Maryland	146.73		32.92	1,393.19		
Massachusetts	11.27		3.36		1.15	
Mississippi	37				0.50	
N Mariana Islands						
New Hampshire						
New Jersey						
New York	52.70		13.50	201.20	1.70	0.00
North Carolina			59.49	51.09		
Oregon	41.70		56.20			
Puerto Rico						
Rhode Island	9.67		2.87			
South Carolina	13.92		0.14	1.52		
Texas	94.2	13.70				
Virgin Islands						
Virginia	119.03			173.16		
Washington	183.41		298.04	45.85		
Total	4,115.88	3,691.67	2,810.73	2,238.14	2,171.06	1,912.81
Percent of Impaired	26.3%	23.5%	17.9%	14.3%	13.8%	12.2%
Percent of Assessed	13.2%	11.9%	9.0%	7.2%	7.0%	6.2%

Table C-5 Leading Sources Impairing Assessed Estuaries

Jurisdiction	LAND DISPOSAL	OTHER URBAN RUNOFF	COMBINED SEWER OVERFLOW	DREDGING	UNSPECIFIED NONPOINT SOURCE
Alabama					
Alaska	0.02	0.00			
American Samoa					
California	50.75	0.17		1,490.57	459.76
Connecticut	27.08	243.03	249.09		
Delaware	13.00				
Delaware River Basin			782.00		
District of Columbia		0.40	5.63	0.80	
Florida	477.40				
Georgia					
Guam					
Hawaii		0.08			
Louisiana	917.00	244.00			69.00
Maine			48.50		
Maryland	7.11				305.24
Massachusetts	11.77		32.23		
Mississippi	25.10	1,173.50		0.50	
N Mariana Islands					
New Hampshire			0.01		
New Jersey					
New York	74.60		232.10		
North Carolina	30.95				
Oregon					
Puerto Rico					
Rhode Island	7.92		24.27		
South Carolina	1.56	21.03			
Texas					520.80
Virgin Islands					
Virginia					113.00
Washington	68.78		91.70		
Total	1,713.04	1,682.21	1,465.53	1,491.87	1,467.80
Percent of Impaired	10.9%	10.7%	9.3%	9.5%	9.4%
Percent of Assessed	5.5%	5.4%	4.7%	4.8%	4.7%

Table C-5 Leading Sources Impairing Assessed Estuaries

Jurisdiction	CROP-RELATED SOURCES	CONTAMINATED SEDIMENTS	ONSITE WASTEWATER SYSTEMS (SEPTIC TANKS)
Alabama			0.19
Alaska		0.01	
American Samoa			
California	1,294.72	247.18	
Connecticut		19.02	22.44
Delaware			13.00
Delaware River Basin			
District of Columbia			
Florida			
Georgia			
Guam			
Hawaii	6.18		
Louisiana			917.00
Maine			
Maryland			
Massachusetts		12.83	
Mississippi		570.00	25.10
N Mariana Islands			
New Hampshire			
New Jersey			
New York		273.70	51.80
North Carolina			30.95
Oregon			
Puerto Rico			
Rhode Island		0.91	
South Carolina			
Texas			
Virgin Islands			
Virginia		0.93	
Washington			68.78
Total	1,300.90	1,124.59	1,129.26
Percent of Impaired	8.3%	7.2%	7.2%
Percent of Assessed	4.2%	3.6%	3.6%

Table C-5 Leading Sources Impairing Assessed Estuaries

Jurisdiction	MINOR INDUSTRIAL POINT SOURCE	MINOR MUNICIPAL POINT SOURCE
Alabama		
Alaska		
American Samoa		
California		
Connecticut		
Delaware		
Delaware River Basin	782.00	782.00
District of Columbia		
Florida		
Georgia		
Guam		
Hawaii		
Louisiana	91.00	91.00
Maine		
Maryland		
Massachusetts		
Mississippi	37.00	
N Mariana Islands		
New Hampshire		
New Jersey		
New York		
North Carolina		
Oregon		
Puerto Rico		
Rhode Island		
South Carolina		
Texas		
Virgin Islands		
Virginia		
Washington		
Total	910.00	873.00
Percent of Impaired	5.8%	5.6%
Percent of Assessed	2.9%	2.8%

Table C-6 Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support - Evaluated	Full Support - Monitored	Full Support - Not Specified	Full Support - Total	Threatened - Evaluated	Threatened - Monitored	Threatened - Not Specified	Threatened - Total	Impaired - Evaluated
Alabama				0				0	
Alaska	1	15		16				0	9
American Samoa	7			7	30			30	6
California	691	84		775				0	41
Connecticut				0				0	
Delaware				0				0	
Florida				0				0	
Georgia				0				0	
Guam		1		1		6		6	
Hawaii	382	452		834	6	2		8	7
Louisiana				0				0	
Maine				0				0	
Maryland		32		32				0	
Massachusetts				0				0	
Mississippi			53	53			41	41	
N. Mariana Islands				0				0	
New Hampshire				0				0	18
New Jersey			127	127				0	
New York				0				0	3
North Carolina				0				0	
Oregon				0				0	
Puerto Rico	157	145		302	131			131	73
Rhode Island		79		79				0	
South Carolina				0				0	
Texas				0				0	
Virgin Islands	173			173	21			21	9
Virginia	120			120				0	
Washington									
Total	1,531	807	180	2,518	188	8	41	237	166
Percent of assessed for summary of use support	48.0%	25.3%	5.6%	79.0%	5.9%	0.2%	1.3%	7.4%	5.2%

Table C-6 Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Ocean Shoreline Waters

Jurisdiction	Impaired - Monitored	Impaired - Not Specified	Impaired - Total	Not Attainable - Evaluated	Not Attainable - Monitored	Not Attainable - Not Specified	Not Attainable - Total	Total Evaluated	Total Monitored
Alabama			0				0	0	0
Alaska			9				0	10	15
American Samoa	10		16				0	43	10
California	181		222				0	732	265
Connecticut			0				0	0	0
Delaware			0				0	0	0
Florida			0				0	0	0
Georgia			0				0	0	0
Guam	10		10				0	0	17
Hawaii	22		29				0	395	476
Louisiana			0				0	0	0
Maine			0				0	0	0
Maryland			0				0	0	32
Massachusetts			0				0	0	0
Mississippi			0				0	0	0
N. Mariana Islands			0				0	0	0
New Hampshire			18				0	18	0
New Jersey			0				0	0	0
New York			3				0	3	0
North Carolina			0				0	0	0
Oregon			0				0	0	0
Puerto Rico	44		117				0	361	189
Rhode Island			0				0	0	79
South Carolina			0				0	0	0
Texas			0				0	0	0
Virgin Islands			9				0	202	0
Virginia			0				0	120	0
Washington									
Total	268	0	434	0	0	0	0	1,885	1,083
Percent of assessed for summary of use support	8.4%	0.0%	13.6%	0.0%	0.0%	0.0%	0.0%	59.1%	34.0%

Table C-6 Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Ocean Shoreline Waters

Jurisdiction	Total Unspecified	Total Assessed
Alabama	0	0
Alaska	0	25
American Samoa	0	53
California	0	997
Connecticut	0	0
Delaware	0	0
Florida	0	0
Georgia	0	0
Guam	0	17
Hawaii	0	871
Louisiana	0	0
Maine	0	0
Maryland	0	32
Massachusetts	0	0
Mississippi	94	94
N. Mariana Islands	0	0
New Hampshire	0	18
New Jersey	127	127
New York	0	3
North Carolina	0	0
Oregon	0	0
Puerto Rico	0	550
Rhode Island	0	79
South Carolina	0	0
Texas	0	0
Virgin Islands	0	202
Virginia	0	120
Washington		
Total	221	3,189
Percent of assessed for summary of use support	6.9%	

Table C-6 Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Ocean Shoreline Waters

Jurisdiction	Comment
Alabama	No data.
Alaska	Data from ADB.
American Samoa	
California	error in report - called state for answer 12/4/01
Connecticut	Connecticut grouped coastal waters with estuaries.
Delaware	Data not available. State reports 25 monitored shoreline miles.
Florida	
Georgia	
Guam	
Hawaii	
Louisiana	No data.
Maine	Included in assessment of estuarine waters.
Maryland	Coastal shoreline miles (32) included in 96 square miles of ocean waters assessed by the State.
Massachusetts	No data. Included in estuary waters.
Mississippi	Entered Statewide projections from ADB for aquatic life support.
N. Mariana Islands	
New Hampshire	
New Jersey	Entered swimming use support. NJ reports impairment to shellfishing but assesses that use in square miles rather than shoreline (linear) miles.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Oregon grouped estuaries and coastal waters.
Puerto Rico	
Rhode Island	State reports bacteria data were available to assess the entire coastal shoreline.
South Carolina	No data.
Texas	State reports square miles of coastal use support rather than shoreline miles - cannot be combined with national total.
Virgin Islands	Page 83.
Virginia	Report states that based on limited available information, all 120 coastal miles were evaluated as fully supporting State designated uses (page 1.1-
Washington	No data.
Total	
Percent of assessed for summary of use support	

Table C-7a Aquatic Life Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed
Alabama						0.0
Alaska						0.0
Am. Samoa	7.0	30.0	4.0	2.0		43.0
California	768.0	0.0	41.0	0.0		809.0
Connecticut						0.0
Delaware	25.0	0.0	0.0	0.0	0.0	25.0
Florida						0.0
Georgia						0.0
Guam						0.0
Hawaii	422.0	0.0	0.0	2.7	0.0	424.7
Louisiana						0.0
Maine						0.0
Maryland	32.0		0.0	0.0		32.0
Massachusetts						0.0
Mississippi	52.8	41.3	0.0	0.0	0.0	94.1
New Hampshire	18.0		0.0	0.0	0.0	18.0
New Jersey						0.0
New York		0.0	0.0	0.0		0.0
North Carolina						0.0
Oregon						0.0
Puerto Rico	382.5	88.8	0.0	78.6	0.0	549.9
Rhode Island	79.0					79.0
South Carolina						0.0
Texas						
Virgin Islands	3.3		0.0	1.2		4.5
Virginia						0.0
Washington						0.0
Total	1,790	160	45	85	0	2,079
Percent of assessed for use	86.1%	7.7%	2.2%	4.1%	0.0%	

Table C-7a Aquatic Life Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Comment
Alabama	No data.
Alaska	No data.
Am. Samoa	
California	
Connecticut	Connecticut grouped coastal waters with estuaries.
Delaware	
Florida	
Georgia	
Guam	not applicable
Hawaii	
Louisiana	No data.
Maine	Included in assessment of estuarine waters.
Maryland	Coastal shoreline miles (32) included in 96 square miles of ocean waters assessed by the State.
Massachusetts	No data. Included with estuaries.
Mississippi	Entered Statewide projections from ADB.
New Hampshire	
New Jersey	NJ reports on impairment of aquatic life, but assesses that use in square miles rather than shoreline (linear) miles.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Oregon Grouped estuaries and coastal waters.
Puerto Rico	Entered "propagation and preservation of desirable species" use support status.
Rhode Island	Data from database
South Carolina	No data.
Texas	Data in square miles
Virgin Islands	
Virginia	No data.
Washington	No data.
Total	
Percent of assessed for use	

Table C-7b Fish Consumption Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed
Alabama						0
Alaska						0
American Samoa				2		2
California	538	0	44	33		615
Connecticut						0
Delaware						0
Florida						0
Georgia						0
Hawaii	422	0	0	3	0	425
Louisiana						0
Maine						0
Maryland	32		0	0		32
Massachusetts						0
Mississippi	0	45	0	0	0	45
New Hampshire	0		18	0	0	18
New Jersey						0
New York		0	0	0		0
North Carolina						0
Oregon						0
Puerto Rico						0
Rhode Island						0
South Carolina						0
Texas	0	0	0	0	0	0
Virgin Islands						0
Virginia						0
Washington						0
Total	992	45	62	38	0	1,136
Percent of assessed for use	87.3%	3.9%	5.5%	3.3%	0.0%	

Table C-7b Fish Consumption Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Comment
Alabama	No data.
Alaska	No data.
American Samoa	
California	
Connecticut	Connecticut grouped coastal waters with estuaries.
Delaware	Data not available
Florida	
Georgia	
Hawaii	
Louisiana	No data.
Maine	Included in assessment of estuarine waters.
Maryland	Coastal shoreline miles (32) included in 96 square miles of ocean waters assessed by the State.
Massachusetts	No data. Included with estuaries.
Mississippi	Entered Statewide projections from ADB.
New Hampshire	
New Jersey	NJ reports impairment to fish consumption but assesses that use in square miles rather than shoreline(linear) miles.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Oregon Grouped estuaries and coastal waters.
Puerto Rico	No data.
Rhode Island	No data.
South Carolina	No data.
Texas	Data in square miles
Virgin Islands	No data.
Virginia	No data.
Washington	No data.
Total	
Percent of assessed for use	

Table C-7c Shellfishing Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed
Alabama						0
Alaska						0
California	694	0	44	22		760
Connecticut						0
Delaware	1	0	14	0	0	15
Florida						0
Georgia						0
Hawaii	422	0	0	3	0	425
Louisiana						0
Maine						0
Maryland	32		0	0		32
Massachusetts						0
Mississippi	0	0	89	0	0	89
New Hampshire	0		18	0	0	18
New Jersey						0
New York		0	0	3		3
North Carolina						0
Oregon						0
Puerto Rico	0	0	0	0	0	0
Rhode Island	79					79
South Carolina						0
Texas						0
Virgin Islands						0
Virginia						0
Washington						0
Total	1,227	0	165	28	0	1,420
Percent of assessed for use	86.4%	0.0%	11.6%	2.0%	0.0%	

Table C-7c Shellfishing Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Comment
Alabama	No data.
Alaska	No data.
California	
Connecticut	Connecticut grouped coastal waters with estuaries.
Delaware	Data from Table III-3 for estuaries.
Florida	
Georgia	
Hawaii	
Louisiana	No data.
Maine	Included in assessment of estuarine waters.
Maryland	Coastal shoreline miles (32) included in 96 square miles of ocean waters assessed by the State.
Massachusetts	No data. Included with estuaries.
Mississippi	Entered Statewide projections from ADB.
New Hampshire	
New Jersey	NJ reports impairment to shellfishing, but assesses this use in square miles rather than shoreline (linear) miles.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Oregon Grouped estuaries and coastal waters.
Puerto Rico	
Rhode Island	
South Carolina	No data.
Texas	No data.
Virgin Islands	No data.
Virginia	No data.
Washington	No data.
Total	
Percent of assessed for use	

Table C-7d Swimming Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed
Alabama						0
Alaska						0
American Samoa			6	4		10
California	695	0	97	121		913
Connecticut						0
Delaware	25	0	0	0	0	25
Florida						0
Georgia						0
Guam	1		6	10		17
Hawaii	421	0	1	3	0	425
Louisiana						0
Maine						0
Maryland	32		0	0		32
Massachusetts						0
Mississippi	28	93	26	0	0	147
New Hampshire	18		0	0	0	18
New Jersey	127	0	0	0		127
New York		0	0	0		0
North Carolina						0
Oregon						0
Puerto Rico	358	124	12	56	0	550
Rhode Island	79					79
South Carolina						0
Texas	0	0	0	0	0	0
Virgin Islands	152		20	7		179
Virginia						0
Washington						0
Total	1,936	216	167	202	0	2,521
Percent of assessed for use	76.8%	8.6%	6.6%	8.0%	0.0%	

85.4%

Table C-7d Swimming Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Comment
Alabama	No data.
Alaska	No data.
American Samoa	
California	
Connecticut	Connecticut grouped coastal waters with estuaries.
Delaware	
Florida	
Georgia	
Guam	
Hawaii	
Louisiana	No data.
Maine	Included in assessment of estuarine waters.
Maryland	Coastal shoreline miles (32) included in 96 square miles of ocean waters assessed by the State.
Massachusetts	No data. Included with estuaries.
Mississippi	Entered Statewide projections from ADB.
New Hampshire	
New Jersey	NJ reports impairment to recreational use, but assesses that use in square miles rather than shoreline (linear) miles.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Oregon Grouped estuaries and coastal waters.
Puerto Rico	
Rhode Island	
South Carolina	No data.
Texas	Data in square miles
Virgin Islands	
Virginia	No data.
Washington	No data.
Total	
Percent of assessed for use	

Table C-7e Secondary Contact Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed
Alabama						0
Alaska						0
California	754	0	58	69		881
Connecticut						0
Delaware						0
Florida						0
Georgia						0
Guam	1		0	1		2
Hawaii	422	0	0	3	0	425
Louisiana						0
Maine						0
Maryland						0
Massachusetts						0
Mississippi	0	6	26	0	0	31
New Hampshire	18		0	0	0	18
New Jersey						0
New York		0	0	0		0
North Carolina						0
Oregon						0
Puerto Rico	468	74	0	8	0	550
Rhode Island						0
South Carolina						0
Texas						0
Virgin Islands	18		1	0		19
Virginia						0
Washington						0
Total	1,680	80	84	81	0	1,925
Percent of assessed for use	87.3%	4.2%	4.4%	4.2%	0.0%	

Table C-7e Secondary Contact Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Comment
Alabama	No data.
Alaska	No data.
California	
Connecticut	Connecticut grouped coastal waters with estuaries.
Delaware	No data
Florida	
Georgia	
Guam	
Hawaii	
Louisiana	No data.
Maine	Included in assessment of estuarine waters.
Maryland	Including in swimming use (page 7).
Massachusetts	No data. Included with estuaries.
Mississippi	Entered Statewide projections from ADB.
New Hampshire	
New Jersey	No data.
New York	"fully supporting or not assessed" not included
North Carolina	No data.
Oregon	Oregon Grouped estuaries and coastal waters.
Puerto Rico	
Rhode Island	Included in swimming use (page III.C-6).
South Carolina	No data.
Texas	Included in swimming use support.
Virgin Islands	
Virginia	No data.
Washington	No data.
Total	
Percent of assesed for use	

Table C-8 Leading Pollutants and Stressors Impairing Assessed Ocean Shoreline Waters

Jurisdiction	PATHOGENS	ORGANIC ENRICHMENT/LOW DO	TURBIDITY	SUSPENDED SOLIDS
Alabama				
Alaska				
American Samoa	10		2	
California	192	44		44
Connecticut				
Delaware	25			
Florida				
Georgia				
Guam	17			
Hawaii	6	1	11	6
Louisiana				
Maine				
Maryland				
Massachusetts				
Mississippi	85	29	26	
N Mariana Islands				
New Hampshire				
New Jersey				
New York	3			
North Carolina				
Oregon				
Puerto Rico	42	3	2	
Rhode Island				
South Carolina				
Texas				
Virgin Islands	4	25	12	
Virginia				
Washington				
Total	384	102	53	50
Percent of Impaired	88.5%	23.5%	12.2%	11.5%
Percent of Assessed	11.9%	3.2%	1.6%	1.6%

Table C-8 Leading Pollutants and Stressors Impairing Assessed Ocean Shoreline Waters

Jurisdiction	OIL AND GREASE	METALS	NUTRIENTS	PH	PRIORITY ORGANICS	PESTICIDES
Alabama						
Alaska	4					
American Samoa			3			
California	44	16			6	20
Connecticut						
Delaware						
Florida						
Georgia						
Guam						
Hawaii		1	14			
Louisiana						
Maine						
Maryland						
Massachusetts						
Mississippi		29	26	26	26	
N Mariana Islands						
New Hampshire						
New Jersey						
New York						
North Carolina						
Oregon						
Puerto Rico						
Rhode Island						
South Carolina						
Texas						
Virgin Islands				10		
Virginia						
Washington						
Total	48	46	43	36	32	20
Percent of Impaired	11.1%	10.6%	9.9%	8.3%	7.4%	4.6%
Percent of Assessed	1.5%	1.4%	1.3%	1.1%	1.0%	0.6%

Table C-8 Leading Pollutants and Stressors Impairing Assessed Ocean Shoreline Waters

Jurisdiction	NONPRIORITY ORGANICS	CAUSE UNKNOWN	PCB'S	SEDIMENT/SILTATION
Alabama				
Alaska				
American Samoa				6
California				
Connecticut				
Delaware				
Florida				
Georgia				
Guam				
Hawaii				8
Louisiana				
Maine				
Maryland				
Massachusetts				
Mississippi	26			
N Mariana Islands				
New Hampshire		18	18	
New Jersey				
New York				
North Carolina				
Oregon				
Puerto Rico				
Rhode Island				
South Carolina				
Texas				
Virgin Islands				
Virginia				
Washington				
Total	26	18	18	14
Percent of Impaired	6.0%	4.1%	4.1%	3.2%
Percent of Assessed	0.8%	0.6%	0.6%	0.4%

Table C-8 Leading Pollutants and Stressors Impairing Assessed Ocean Shoreline Waters

Jurisdiction	UNIONIZED AMMONIA
Alabama	
Alaska	
American Samoa	
California	
Connecticut	
Delaware	
Florida	
Georgia	
Guam	
Hawaii	
Louisiana	
Maine	
Maryland	
Massachusetts	
Mississippi	
N Mariana Islands	
New Hampshire	
New Jersey	
New York	
North Carolina	
Oregon	
Puerto Rico	5
Rhode Island	
South Carolina	
Texas	
Virgin Islands	
Virginia	
Washington	
Total	5
Percent of Impaired	1.2%
Percent of Assessed	0.2%

Table C-9 Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	URBAN RUNOFF/STORM SEWERS	OTHER URBAN RUNOFF	UNSPECIFIED NONPOINT SOURCE	LAND DISPOSAL
Alabama				
Alaska				
American Samoa	16			
California	93	5	142	26
Connecticut				
Delaware	25			
Florida				
Georgia				
Guam				
Hawaii	10	8		
Louisiana				
Maine				
Maryland				
Massachusetts				
Mississippi	85	136		75
N Mariana Islands				
New Hampshire				
New Jersey				
New York				
North Carolina				
Oregon				
Puerto Rico	6			22
Rhode Island				
South Carolina				
Texas				
Virgin Islands	6	7		
Virginia				
Washington				
Total	241	155	142	123
Percent of Impaired	55.5%	35.7%	32.8%	28.3%
Percent of Assessed	7.5%	4.8%	4.4%	3.8%

Table C-9 Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	ONSITE WASTEWATER SYSTEMS (SEPTIC TANKS)	MUNICIPAL POINT SOURCES	MAJOR MUNICIPAL POINT SOURCE
Alabama			
Alaska			
American Samoa			
California			
Connecticut			
Delaware			
Florida			
Georgia			
Guam			
Hawaii			
Louisiana			
Maine			
Maryland			
Massachusetts			
Mississippi	75	85	85
N Mariana Islands			
New Hampshire			
New Jersey			
New York		3	
North Carolina			
Oregon			
Puerto Rico	28		2
Rhode Island			
South Carolina			
Texas			
Virgin Islands	0	1	1
Virginia			
Washington			
Total	103	89	88
Percent of Impaired	23.8%	20.4%	20.2%
Percent of Assessed	3.2%	2.8%	2.7%

Table C-9 Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	INDUSTRIAL PERMITTED	SOURCE UNKNOWN	INDUSTRIAL POINT SOURCES	MINOR INDUSTRIAL POINT SOURCE	NATURAL SOURCES
Alabama					
Alaska			5		
American Samoa		2			
California			0		16
Connecticut					
Delaware					
Florida					
Georgia					
Guam					
Hawaii		5	2	2	11
Louisiana					
Maine					
Maryland					
Massachusetts					
Mississippi	76	29	43	43	9
N Mariana Islands					
New Hampshire		18			
New Jersey					
New York					
North Carolina					
Oregon					
Puerto Rico				2	
Rhode Island					
South Carolina					
Texas					
Virgin Islands		0		0	
Virginia					
Washington					
Total	76	54	50	47	37
Percent of Impaired	17.6%	14.4%	11.5%	10.7%	8.4%
Percent of Assessed	2.4%	1.9%	1.6%	1.4%	1.1%

Table C-9 Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	CONSTRUCTION	SEPTAGE DISPOSAL	LAND DEVELOPMENT	CONTAMINATED SEDIMENTS	OTHER	AGRICULTURE
Alabama						
Alaska						
American Samoa						6
California	3	26				2
Connecticut						
Delaware						
Florida						
Georgia						
Guam						
Hawaii					1	12
Louisiana						
Maine						
Maryland						
Massachusetts						
Mississippi	26		26	26		
N Mariana Islands						
New Hampshire					18	
New Jersey						
New York						
North Carolina						
Oregon						
Puerto Rico						
Rhode Island						
South Carolina						
Texas						
Virgin Islands					2	
Virginia						
Washington						
Total	29	26	26	26	21	20
Percent of Impaired	6.6%	6.0%	5.9%	5.9%	4.8%	4.6%
Percent of Assessed	0.9%	0.8%	0.8%	0.8%	0.7%	0.6%

Table C-9 Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	CROP-RELATED SOURCES	IRRIGATED CROP PRODUCTION
Alabama		
Alaska		
American Samoa		
California		
Connecticut		
Delaware		
Florida		
Georgia		
Guam		
Hawaii	8	8
Louisiana		
Maine		
Maryland		
Massachusetts		
Mississippi		
N Mariana Islands		
New Hampshire		
New Jersey		
New York		
North Carolina		
Oregon		
Puerto Rico		
Rhode Island		
South Carolina		
Texas		
Virgin Islands		
Virginia		
Washington		
Total	8	8
Percent of Impaired	1.9%	1.9%
Percent of Assessed	0.3%	0.3%